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- (54) **SNOWBOARD BINDING AND BOOT**
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- (*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

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- (52) **U.S. Cl.**
CPC **A63C 10/103** (2013.01); **A43B 5/0401** (2013.01); **A63C 10/02** (2013.01)
- (58) **Field of Classification Search**
CPC A63C 10/10; A63C 10/103; A63C 10/24; A63C 10/106; A63C 10/18; A63C 10/285; A63C 10/22; A63C 10/08; A43B 5/0401; A43B 5/0403; A43B 5/0423; A43B 5/0456; A43B 5/0474
USPC 280/624, 613, 618
See application file for complete search history.

(57) **ABSTRACT**

A snowboard boot and binding system is disclosed which facilitates the engagement and disengagement of a snowboard boot and binding. The snowboard boot may include a boot engagement member extending from a rear of the boot. The boot engagement member is moved downwardly into a corresponding binding engagement member to provide an arrangement which prevents forward movement of the boot. The boot engagement member also may include one or more serrations to engage with one or more pawls on the binding to prevent upward movement of the boot. A snap-in arrangement may be provided in a boot toe region. The boot has protrusions extending outwardly from each side of the boot to engage with catches on the binding sidewalls. As the boot is pressed downwardly into the binding, the protrusions splay the catches until reaching recesses, at which point the catches rebound to capture the protrusions against upward movement.

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30 Claims, 27 Drawing Sheets